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RAW SEQUENCE LISTING

DATE: 06/25/2001

PATENT APPLICATION: US/09/445,174B

TIME: 11:45:50

Input Set : A:\121344_1.txt

Output Set: N:\CRF3\06252001\I445174B.raw

ENTERED

3 <110> APPLICANT: van Ommen, Garrit J.B.
4 Petrij-Bosch, Anne
5 Bakker, Egbert
6 Devilee, Peter
9 <120> TITLE OF INVENTION: A diagnostic test kit for determining a predisposition
10 for breast and ovarian cancer, materials and methods
11 for such determination
13 <130> FILE REFERENCE: 294-78
15 <140> CURRENT APPLICATION NUMBER: US 09/445,174B
C--> 16 <141> CURRENT FILING DATE: 2001-06-11
18 <150> PRIOR APPLICATION NUMBER: PCT/NL98/00325
19 <151> PRIOR FILING DATE: 1998-06-03
21 <150> PRIOR APPLICATION NUMBER: EP 97201700.8
22 <151> PRIOR FILING DATE: 1997-06-04
24 <160> NUMBER OF SEQ ID NOS: 23
26 <170> SOFTWARE: PatentIn Ver. 2.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 20
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
35 for D17S1322
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38 ctagcctggg caacaaacga 20
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44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
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55 <211> LENGTH: 21
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
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67 <210> SEQ ID NO: 4
68 <211> LENGTH: 20
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence

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72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
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77 acacagactt gtcctactgc
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 20
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83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
87 for D17S1323
89 <400> SEQUENCE: 5 20
90 taggagatgg attattggtg
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 20
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
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102 <400> SEQUENCE: 6 20
103 aagcaacttt gcaatgagt
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 22
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
113 for first PCR
115 <400> SEQUENCE: 7 22
116 tcacagtgcg gtgaattgga ag
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
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126 for first PCR
128 <400> SEQUENCE: 8 24
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132 <210> SEQ ID NO: 9
133 <211> LENGTH: 22
134 <212> TYPE: DNA
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137 <220> FEATURE:
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139 for second PCR
141 <400> SEQUENCE: 9

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142 gaagaaagag gaacgggctt gg                                22
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146 <211> LENGTH: 21
147 <212> TYPE: DNA
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150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
152     for second PCR
154 <400> SEQUENCE: 10
155 ggccactttg taagctcatt c                                21
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 19
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
166 <400> SEQUENCE: 11
167 aaccaccaag gtccaaagc                                19
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 24
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
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178 <400> SEQUENCE: 12
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183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: primer reverse
190 <400> SEQUENCE: 13
191 tacgtgggtt caactgaagc                                20
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195 <211> LENGTH: 20
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
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231 <211> LENGTH: 24
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
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238 <400> SEQUENCE: 17
239 agcccacttc attagtactg gaac                                24
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243 <211> LENGTH: 24
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: primer forward
250 <400> SEQUENCE: 18
251 taccctataa gccagaatcc agaa                                24
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255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
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262 <400> SEQUENCE: 19
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266 <210> SEQ ID NO: 20
267 <211> LENGTH: 720
268 <212> TYPE: DNA
269 <213> ORGANISM: Homo sapiens
271 <220> FEATURE:
272 <223> OTHER INFORMATION: /note="Exon 22 of BRCA1 and its flanking intron
273     sequences, pos. 79441-80160"
275 <400> SEQUENCE: 20
276 agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggттаagtat 60
277 gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
278 tacagctgtg tgggtgttct gtggtgaagg agctttcatc attcaccctt ggcacagtaa 180
279 gtattgggtg ccctgtcaga gagggaggac acaatattct ctctgtgag caagactggc 240
280 acctgtcagt ccctatggat gccctactg tagcctcaga agtcttctct gccacatac 300
281 ctgtgccaaa agactccatc tgtaagggat gggtaaggat ttgagaactg cacatattaa 360
282 atatactgag ggaagacttt ttccctctaa ctctttttcc catatgtccc tccccctcct 420
283 ctctgtgact gccccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag 480

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284 gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcagggtggat 540
285 cacttgctcag gagtttgaga ccagcctggc caacatggtg aaaccccatc tgtactaaaa 600
286 aaaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg 660
287 aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattg 720
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 178
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <220> FEATURE:
296 <223> OTHER INFORMATION: /note="Intronic region flanking exon 12, pos.
297     44423 - 44600"
299 <400> SEQUENCE: 21
300 cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60
301 accatcctgg ctaacacggt gaaacaccat ttctactaaa actacaaaaa attagctggg 120
302 catggtggcg ggcgcctgta atcccagcta ctcaggaggc tgaagcagaa gaatggct 178
305 <210> SEQ ID NO: 22
306 <211> LENGTH: 180
307 <212> TYPE: DNA
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310 <220> FEATURE:
311 <223> OTHER INFORMATION: /note="Intronic region flanking exon 13, pos.
312     48256 - 48436"
314 <400> SEQUENCE: 22
315 cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgaggagctcg 60
316 agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
317 ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt 180
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321 <211> LENGTH: 60
322 <212> TYPE: DNA
323 <213> ORGANISM: Homo sapiens
325 <220> FEATURE:
326 <223> OTHER INFORMATION: /note="Deletion-function fragment"
328 <400> SEQUENCE: 23
329 agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60

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VERIFICATION SUMMARY

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date